



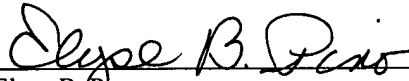
ATTORNEY'S DOCKET NO: 99082CIPCON (C0698.70130US01)  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Venigalla et al.  
Serial No: 10/729,801  
Confirmation. No.: Not yet assigned  
Filed: December 4, 2003  
For: SILICATE-BASED SINTERING AID AND METHOD  
  
Examiner: Not yet assigned  
Art Unit: Not yet assigned

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 5<sup>th</sup> day of March, 2004.

  
\_\_\_\_\_  
Elyse B. Pino

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Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith are the following documents:

- ☒ Information Disclosure Statement
- ☒ PTO Form 1449 with cited references
- ☒ Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

Serial No.: 10/729,801  
Docket No.: 99082CIPCON (C00698.70130.US01)  
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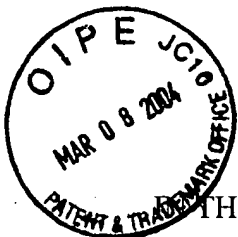
A check is not enclosed. If a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,  
*Venigalla et al., Applicants*

By: 

Robert H. Walat, Reg. No.: 46,324  
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Telephone: (617)720-3500

Docket No. 99082CIPCON  
(C0698.70130US01)  
Date: 03/5/04  
**xNDDx**



ATTORNEY'S DOCKET NO: 99082CIPCON (C0698.70130US01)

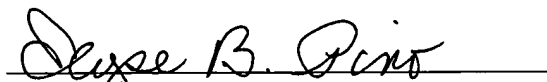
THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Elyse B. Pino

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

**PART I: Compliance with 37 C.F.R. §1.97**

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case. No fee or certification is required.

**PART II: Information Cited**

A. The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

B. The Applicant hereby makes the following additional information of record in the above-identified application.

1. The applicant would like to bring to the Examiner's attention the following co-pending applications that may contain subject matter related to this application:

<u>Atty. Docket No.</u>	<u>Serial No.</u>	<u>Filing Date</u>	<u>Inventor(s)</u>	<u>Title</u>
C0698.70116US00	09/336,893	6/21/99	Miller et al.	Barium Titanate Dispersions
C0698.70138US00	09/864,817	5/24/01	Costantino et al.	Dispersible, Metal Oxide-Coated, Barium Titanate Materials
C0698.70139US00	09/864,803	5/24/01	Costantino et al.	Dispersible, Metal Oxide-Coated, Barium Titanate Materials

2. The Applicant would like to bring to the Examiner's attention the Office Action (mailed 19 February 2003) from the European Patent Office in the corresponding European Patent Application No. 00975188.4-2111.

C. Copies of all documents and references cited in this Information Disclosure Statement have been submitted to the Patent Office in the parent application (Serial No. 09/640,498, filed 8/16/00, entitled "Silicate-Based Sintering Aid and Method", by Venigalla et al). The Examiner is invited to contact the undersigned to request copies of any documents and references, if needed.

PART III: Explanation of Non-English Language References and Remarks Concerning Other Information Cited

The following is a concise explanation of the relevance of each non-English language reference listed on the attached form PTO-1449 (modified):

The International Search Report received in a corresponding PCT application (PCT/US00/22830) which indicates the relevance of DE 12 22 836 was submitted to the Patent Office in the parent application (Serial No. 09/640,498, filed 8/16/00, entitled "Silicate-Based Sintering Aid and Method", by Venigalla et al).

PART IV: Remarks

It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

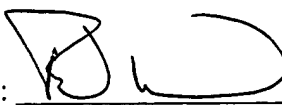
By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,  
*Venigalla et al., Applicant(s)*

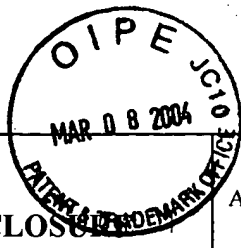
By: 

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Boston, MA 02210  
Telephone (617) 720-3500

Dated: 03/5/04

xNDD

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FORM PTO-1449/A and B (Modified)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

APPLICATION NO.: 10/729,801

ATTY. DOCKET NO.:  
99082CIPCON  
(C0698.70130US01)

FILING DATE: 12/04/03

APPLICANT: Venigalla et al.

GROUP ART UNIT: Not Yet Assigned

EXAMINER: Not Yet Assigned

Sheet 1 of 3

**U.S. PATENT DOCUMENTS**

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYY
		Number	Kind Code		
	*	3,490,927		Kahn et al.	01/20/70
	*	3,642,527		Purdes et al.	02/15/72
	*	3,717,487		Hurley et al.	02/20/73
	*	3,725,539		Spangenberg	04/03/73
	*	3,754,987		Purdes	08/28/73
	*	4,643,984		Abe et al.	02/17/87
	*	4,764,493		Lilley et al.	08/16/88
	*	4,829,033		Menashi et al.	05/09/89
	*	4,832,939		Menashi et al.	05/23/89
	*	4,863,883		Menashi et al.	09/05/89
	*	4,880,757		Henslee et al.	11/14/89
	*	4,898,843		Matushita et al.	02/06/90
	*	4,925,817		Ikeda et al.	05/15/90
	*	4,939,108		Dean	07/03/90
	*	4,968,498		Wautier et al.	11/1990
	*	5,011,804		Bergna et al.	04/30/91
	*	5,029,042		Dean	07/02/91
	*	5,032,375		Lerot et al.	07/1991
	*	5,082,810		Bergna et al.	01/21/92
	*	5,082,811		Bruno	01/21/92
	*	5,084,424	B1	Abe et al.	01/28/1992
	*	5,086,021		Sasaki et al.	02/04/92
	*	5,112,433		Dawson et al.	05/12/92
	*	5,155,072		Bruno et al.	10/13/92
	*	5,219,811		Enomoto et al.	06/1993
	*	5,258,338		Maher	11/1993
	*	5,296,426		Burn	03/22/94
	*	5,335,139		Nomura et al.	08/02/94
	*	5,361,187		Srinivasan	11/1994
	*	5,362,472		Lauter et al.	11/08/94
	*	5,403,797		Ohtani et al.	04/04/95
	*	5,445,806		Kinugasa et al.	08/29/95
	*	5,453,262		Dawson et al.	09/26/95
	*	5,590,387		Schmidt et al.	12/31/96
	*	5,650,367	B1	Fujikawa et al.	07/22/1997

<b>FORM PTO-1449/A and B (Modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 10/729,801		ATTY. DOCKET NO.: 99082CIPCON (C0698.70130US01)	
				FILING DATE: 12/04/03			
				APPLICANT: Venigalla et al.			
				GROUP ART UNIT: Not Yet Assigned		EXAMINER: Not Yet Assigned	
Sheet	2	of	3				

	*	5,668,694		Sato et al.	09/16/97
	*	5,757,610		Wada et al.	05/26/98
	*	6,043,174		Maher	03/2000
	*	6,071,842		Takahashi et al.	06/2000
	*	6,126,743		Saegusa et al.	10/2000
	*	6,129,903		Kerchner	10/10/00
	*	6,162,752		Kawamoto et al.	12/2000
	*	6,214,756	B1	Adair et al.	04/10/01
	*	6,268,054	B1	Costantino et al.	07/31/2001
	*	6,309,995	B1	Maher	10/2001
	*	6,329,058		Arney et al.	12/2001
	*	6,447,910	B1	Wataya	09/2002

#### FOREIGN PATENT DOCUMENTS

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
	*	DE	1 222 836	B	Siemens & Halske AG	11.08.66	N
	*	WO	91/18841	A2	E.I. Du Pont De Nemours and Company	12.12.91	Y
	*	WO	96/06811	A2	Cabot Corporation	07.03.96	Y
	*	WO	98/35920	A1	Cabot Corporation	20.08.98	Y

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	
	*	PAYNE et al., "Inhibition of Grain Growth in Barium Titanate," Jour. of The American Ceramic Society, September, 1967, pg. 491		
	*	S.A. BRUNO et al., "High Performance Multilayer Capacitor Dielectrics from Chemically Prepared Powders," J. Am. Ceram. Soc. 76:1233-1241, May, 1993		
	*	T.M. HARKULICH et al., "Ferroelectrics of Ultrafine Particle Size: II, Grain Growth Inhibition Studies," J. Am. Ceram. Soc. 49:295-299, June, 1966		
	*	W. HERTL, "Kinetics of Barium Titanate Synthesis," J. Am. Ceram. Soc., 71:879-883, October, 1988		
	*	M. KAHN, "Preparation of Small-Grained and Large-Grained Ceramics from Nb-Doped BaTiO <sub>3</sub> ," J. Am. Ceram. Soc. 54:452-454, September, 1971		
	*	H. KUMAZAWA et al., "Preparation of Barium Titanate Ultrafine Particles from Amorphous Titania by a Hydrothermal Method and Specific Dielectric Constants of Sintered Discs of the Prepared Particles," J. Mat. Science, 31:2599-2602, 1996		
	*	T.R.N. Kutty et al., "Precipitation of Rutile and Anatase (TiO <sub>2</sub> ) Fine Powders and Their Conversion of MtiO <sub>3</sub> (M=Ba, Sr, Ca) by the Hydrothermal Method," Mat. Chem. and Physics, 19:533-546, 1988		
	*	A. UENO et al., "Preparation of SrSiO <sub>3</sub> Powders Fromo Various Strontium Salts," Jour. of Mat. Science, pg. 9-12, January, 1991		

<b>FORM PTO-1449/A and B (Modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				APPLICATION NO.: 10/729,801		ATTY. DOCKET NO.: 99082CIPCON (C0698.70130US01)		
				FILING DATE: 12/04/03				
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				GROUP ART UNIT: Not Yet Assigned		EXAMINER: Not Yet Assigned		
Sheet	3	of	3					

**OTHER ART — NON PATENT LITERATURE DOCUMENTS**

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	
	*	S.WADA et al., "Preparation of Barium Titanate Fine Particles by Hydrothermal Method and Their Characterization," J. Ceram. Soc. of Japan, 103:1220-1227, 1995		
	*	International Search Report US00/22830 dated 05.01.01		
	*	Abstract HU 44977, 30 May, 1988		

EXAMINER	DATE CONSIDERED
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/640,498, filed August 16, 2000, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).